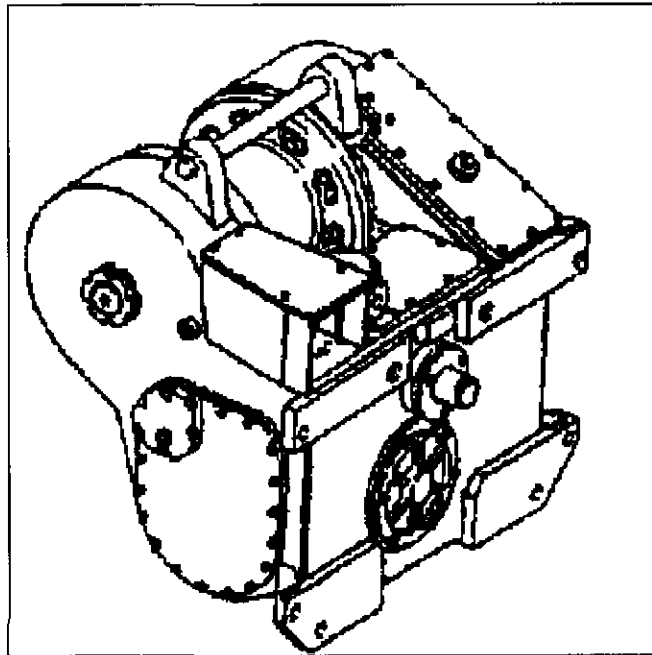


SOW-01-837-2-06537B-1/1

1 October 2000

**STATEMENT
OF
WORK (SOW)
FOR THE REBUILD OF
WINCH ATTACHMENT, CATERPILLAR, MODEL 57**



NSN 3830-01-155-1587

EFFECTIVE DATE: 1 OCTOBER 2000

TABLE OF CONTENTS

Section and Reading	Page
1.0 Scope	1
1.1 Background	1
1.2 Item Identification	1
2.0 Applicable Documents	1-2
2.1 Military Specifications	2
2.2 Military Standards	2
2.3 Other Government Documents and Publications	2
2.4 Industry Standards	3
3.0 General Task	3
3.1 Inspection, Testing and Acceptance	4
3.2 Packaging, Handling Storage and Transportation (PHS&T)	4-5
3.3 Configuration Control	5
3.4 Government Furnished Equipment (GFE)/ Government Furnished Material (GFM)	5
3.5 Contractor Furnished Materiel (CFM)	5
3.6 Quality Assurance Provisions	5 - 6
3.7 Configuration Control List	6
Appendix A Configuration Inspection Checklist	

STATEMENT OF WORK FOR THE REBUILD OF WINCH ATTACHMENT CATERPILLAR MODEL 57

1.0 **SCOPE.** This Statement of Work (SOW) along with the U.S. Marine Corps Rebuild Standard RS-08757A-50 establishes and sets forth tasks and identifies the work efforts that shall be performed by the Contractor (for the purposes of this SOW, Contractor is defined as the commercial or government entity performing the repair.) These documents contain the minimum requirements to assemble, integrate, make fully operational, calibrate, install, test and inspect the Winch Attachment Caterpillar, Model 57, Marine Corps Weapon System Code MK, to a serviceable condition (Condition Code "A"). "Condition Code A is defined as Serviceable/Issuable without qualification, new, used, repaired or reconditioned material which is serviceable and issuable to all customers without limitation or restriction. Includes material with more than six months shelf-life remaining." The National Stock Number (NSN) listed here shall be known as the Winch Assembly 3830-01-155-1587. This SOW along with RS-08757A-50 covers the minimum requirements applicable to the restoration of the Winch Assembly. Additionally, RS-08757A-50 sets forth guidelines within which the Winch Assembly shall be refurbished, repaired and restored. The basic configuration of the Winch Assembly is established by Stock List (SL)4-06537B. All materiel (including repair parts) shall be provided by the Contractor. Installation and testing shall be performed by the Contractor. All special tools and test equipment required to perform any task on the Winch Assembly is listed in RS-08757S-50 and shall be provided by the Contractor.

Questions related to this SOW should be addressed to the Winch Assembly Weapon System Manager, Code 837-2, MARCORLOGBASES, Albany GA, Commercial Phone (912) 439-6533 or DSN 567-6533.

1.1 **BACKGROUND.** This SOW identifies the work effort that shall be performed by the Contractor to rebuild the Winch Assembly. Rebuild is defined as "That maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through a maintenance technique or complete disassembly of the item, inspection of all parts or components, repair or replacement of worn or unserviceable parts/elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the item".

1.2 **ITEM IDENTIFICATION.** The Winch Assembly is an assembly that is made up of seven different subassemblies. These subassemblies are identified in SL-3-06537B. The control valve and wire rope subassemblies are installed on the winch drum subassembly. All other subassemblies are not installed, but are provided as components of the Winch Assembly. The Winch Assembly is not a self-powered assembly. It must be mounted on a D7G Tractor (NSN 2410-01-155-1588) to function as designed. Mounting the Winch Assembly on the D7G Tractor requires all seven subassemblies.

2.0 **APPLICABLE DOCUMENTS.** The following documents specified herein form a part of this SOW to the extent specified. In the event of conflict between the documents referenced

herein and the contents of this SOW, the content of the SOW shall be the superseding requirement. Unless otherwise specified, the issues of these Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation.

2.1 MILITARY SPECIFICATIONS

MIL-M-3184	Machinery: Deck and Vehicle Mounted with associated Equipment and Provisioned (Repair Parts) Items, Packaging of.
------------	---

2.2 MILITARY STANDARDS.

MIL-STD-129	DoD Standard Practice for Marking for Shipment and Storage
MIL-STD-130	U.S. Military Property, Identification Marking of
MIL-STD-642	Identification Marking of Combat and Tactical Transport Vehicle
MIL-STD-2073-1C	DoD Standard Practice for Military Packaging

MILITARY STANDARDS (For Guidance Only)

MIL-STD-973	Configuration Management
-------------	--------------------------

2.3 OTHER GOVERNMENT DOCUMENTS AND PUBLICATIONS. The issues of those documents cited below shall be used.

MCO P11262.2A	Inspection, Testing, and Certification of Tactical Ground Load Lifting Equipment
RS-08757A-50	Rebuild Standard 0857A-50 Tractor, Medium, Full Tracked, Model D7G, NSN 2410-01-155-1588
SL-3-06537B	List of Components for Winch Attachment Caterpillar, Model 57
SL-4-06537B	Repair Parts List for Winch Attachment Caterpillar, Model 57
TM-4750-15/1	Painting and Registration Marking for Marine Corps Combat and Tactical Equipment
DoD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Materiel From The Federal Supply System

2.4 INDUSTRY STANDARDS

ANSI/ISO/ASQC Q9003-1994 Quality Systems-Model for Quality Assurance in Final Inspection and Test.

Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Defense Automation Production Service Philadelphia, Building 4D, 700 Robbins Ave, Philadelphia, PA 19111-5094, Telephone (215) 697-2179 or DSN 442-2179, or <http://www.dodssp.daps.mil>. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer: Commander, Attn: Contracting Officer (Code 891) Marine Corps Logistics Bases, 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (912) 439-6761 or DSN 567- 6761. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 825-3, 814 Radford Blvd. Suite 20320, Albany, Georgia 31704-0320, commercial telephone number (912) 439-6410 or DSN 567-6410

3.0 GENERAL TASKS In fulfilling the specified requirements, the contractor shall:

- a. Preform a complete rebuild of the Winch Assembly in accordance with RS-08757A-50. Winch Assembly parts list is contained within SL-4-06537B.
- b. Provide materials, labor, facilities, repair parts, and missing parts necessary to inspect, diagnose, restore, and test the Winch Assembly. Upon completion of the rebuild, the Winch Assembly shall be Condition Code "A".
- c. After rebuild is completed, all Winch Assembly hydraulic subassemblies that are open to the atmosphere shall be sealed with dust plugs and caps to prevent foreign material from entering that subassembly.
- d. Wire Rope Assembly, NSN 4010-01-259-2713 will be replaced as required and installed 100%. Wire rope assemblies shall meet requirements of MCO P11262.2A.
- e. DATA PLATES AND DECALS. Each rebuilt Winch Assembly shall have an REBUILD data plate affixed next to the existing winch data plate after winch has completed the rebuild cycle. The data plate shall meet the requirements of MIL-STD-130 and TM 4750-15/1. The REBUILD data plate shall contain the following information:

WINCH SERIAL NO. _____
REBUILD IN ACCORDANCE WITH SOW 01-837-2-06537B-1/1.
CONTRACTOR FACILITY _____
DATE _____.

3.1 PHASE III - INSPECTION, TESTING AND ACCEPTANCE.

- a. Inspection, testing and acceptance of the Winch Assembly shall be conducted in accordance with provisions of this SOW and RS-08757A-50.
- b. The Contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are available to complete the Winch Final Inspection. Acceptance tests shall be held at the Contractor Facility. The Weapon System Manager and/or their representatives shall be given a minimum of two weeks notice prior to beginning acceptance testing. The test area shall be set up with all safety consideration incorporated (test area clearly defined, limit access to unauthorized vehicle and foot traffic, etc.).
- c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. The Weapon System Manager and/or their representatives may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.
- d. Acceptance testing on all Winch Assemblies rebuilt under the provisions of this SOW shall be accomplished in accordance with RS-08757A-50 and provisions of this SOW.
- e. Vehicle Markings. Registration numbers and other markings shall be applied in accordance with MIL-STD- 642.
- f. Instruction Plates. The Winch Assembly shall be equipped with instruction plates suitably located, describing any special or important procedures to be followed in operating and servicing the equipment. Plates shall be of a material which will last and remain legible for the life of the equipment, and shall be securely affixed thereto with nonferrous screws, rivets or bolts of not less than 1/8 inch diameter.
- g. RECORD JACKET: All major equipment or components serial numbers that are replaced during the rebuild are to be identified by the Contractor for entry in the record jacket of the Winch Assembly. Information will list the Winch Assembly serial number, Name of equipment/component(s) replaced, serial number of deficiency equipment/component(s), serial number of replacement equipment/component(s), and if the equipment/component(s) is new or rebuilt..

3.2 PACKAGING, HANDLING, STORAGE, AND TRANSPORTATION.

- a. The Contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. Items scheduled for long-term storage or shipment to overseas destinations shall be packaged to the Level "A" requirements of MIL-M-3184. Items

being prepared for domestic shipment and immediate use shall be packaged to Level "B" requirements.

b. Marking shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the contractor with shipping address(es) for delivery of repaired equipment. The Contractor shall be responsible for arranging for shipment of the equipment to the pre-designed site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the contractor.

3.3 CONFIGURATION CONTROL. The Contractor shall apply configuration control to established baseline configuration item. Deviations from this established baseline configuration will not be allowed, without the written approval of the Weapon System/Equipment Manager (Code 837-2). If it is necessary to depart from the authorized configuration, the Contractor shall prepare and submit a Request for Deviation or Request for Waiver. MIL-STD-973 (paragraphs 5.4.3 and 5.4.4 and Appendix E) may be used as guidance.

3.4 GOVERNMENT FURNISHED EQUIPMENT (GFE)ACCOUNTABILITY/GOVERNMENT FURNISHED MATERIEL (GFM).

GFE is government owned equipment authorized by contract for use by a commercial/government contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into product being manufactured/remanufactured under a contract/ statement of work. In the event the Marine Corps does have GFE/GFM requirements, the Management Control Activity (MCA/Code 827-2), Marine Corps Logistics Bases, Albany, Georgia, will coordinate required GFE and will maintain a central control on Marine Corps assets in the Contractor's possession. The MCA will forward a GFE Accountability agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets. The Contractor shall report receipt of all GFM and report consumption of GFM to the MCA.

3.5 CONTRACTOR FURNISHED MATERIEL (CFM).

The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.2A). In the event that Contractor Furnished Materiel is required for repair parts, the contractor shall requisition through the DOD Supply System. DOD 4000.25-1-M, (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DOD Supply System.

3.6 QUALITY ASSURANCE PROVISIONS

The Contractor shall provide and maintain a Quality System that meets or is equivalent to the requirements of ANSI/ISO/ASQC Q9003-1994, Quality Systems Model for Quality Assurance

in Final Inspection and Test. The Contractor work shall be subject to in-process review and inspections for compliance of the Quality System by the Weapon System Manager and/or their representatives during contract performance. Inspection may be accomplished at any work location. Authorized Weapon System Manager representatives shall be permitted to observe the work/task accomplishment or to conduct inspections at all reasonable hours. Acceptance tests shall be held in-plant. Inspection by Weapon System Manager and/or their representatives of all acceptance tests plans, materials and associated lists furnished here under does not relieve the Contractor from any responsibility regarding defects or other failures to meet contract requirements which may be disclosed prior to final acceptance.

- a. Inspection of materials, products, assemblies, and documentation to assess compliance with quality standards.
- b. Surveillance of operations to determine that quality assurance, practices, methods, and procedures are being properly applied.
- c. Inspections of deliverable products to assure compliance with all requirements of the Winch Assembly, this SOW, and applicable documents used herein.
- d. Failure of the Contractor to promptly correct deficiencies discovered, shall be a reason for suspension of acceptance until corrective action has been made.

3.7 CONFIGURATION CONTROL CHECKLIST. The Configuration Control Checklist shall be used to determine completeness of the Winch Assembly. The Contractor shall provide one copy, per Winch Assembly, of the Configuration Control Checklist (Appendix A) to the Weapon System Manager (Code 837-2) Life Cycle Management Center, 814 Radford Blvd. Suite 30230, Albany Ga. 31704-0320 upon completion of the rebuild or upon request from of the Weapon System Manager.

CONFIGURATION INSPECTION CHECKLIST

The Winch Assembly NSB 3830-01-155-1587 is composed of 7 different assemblies. These assemblies are identified in SL-3-06537B. The Winch Assembly is palletized or boxed. The Winch Assembly can not be tested if all components are not provided for Rebuild.

This Configuration Inspection Checklist is to assure all Winch Assembly components are provided to the Contractor Facility for rebuild.

Item	Characteristic	NSN/Part Number	SL-3 Item No.	Present
1	Mounting Group	2590-01-422-7167	1 thru 8	
2	Drive Assembly	3040-01-254-5578	9	
3	Line Group	5R7287	10 thru 15	
4	Pump, Rotary	4320-01-202-5616	16	
5	Valve, Directional (installed)	4820-01-253-7345	17	
6	Winch, Drum	1P2150	18	
7	Wire Rope Assembly (installed)	4010-01-259-2713	19	

Items number 5 and 7 are installed on the Winch Assembly.

Comments:

(1 Data Item)

OMB No. 1704-0188

The Public reporting burden for this collection of information is authorized to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government issuing Contract Officer for the contract/PR No. listed in block E.

[illegible]

18. ESTIMATED TOTAL PRICE	
------------------------------	--

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 1704-0188

The Public reporting burden for this collection of information is authorized to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government issuing Contract Officer for the contract/PR No. listed in block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ Other XXX _____
---------------------------	------------	--

D. SYSTEM/ITEM Winch Attachment, Caterpillar, Model 57	E. CONTRACT/PR No.	F. CONTRACTOR
--	--------------------	---------------

1. DATA ITEM No. A002	2. TITLE OF DATA ITEM Request for Deviation (RFD)	3. SUBTITLE Configuration Management
--------------------------	--	---

4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640B	5. CONTRACT REFERENCE SOW 3.3	6. REQUIRING OFFICE MARCORLOGBASES (825)
--	----------------------------------	---

7. DD 250 REQ. LT	9. DIST STATEMENT REQUIRED A	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION See Blk 16	14. DISTRIBUTION a. ADDRESSEE MCLBA (825-2)	b. COPIES Draft 0 FINAL Reg 1 Repro 0
----------------------	------------------------------------	-------------------------	--	---	---

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION
-------------	----------------	--------------------------------------

16. REMARKS

Block 4: Contractor format using .doc or .pdf software is authorized.

Blocks 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet the prescribed configuration documentation.

RFDs will be reviewed and disposition determined within 30 calendar days upon receipt by the government.

RFDs shall be transmitted via e-mail to the following address:
mbmatcomconfigmngmnt@matcom.usmc.mil

Distribution Statement A: Approved for public release, distribution is unlimited.

G. PREPARED BY: <i>Carl P. [Signature]</i>	H. DATE 3-2-00	I. APPROVED BY: <i>[Signature]</i>	J. DATE 3-2-00
---	-------------------	---------------------------------------	-------------------

DD FORM 1423-1, AUG 96 (EG)

PREVIOUS EDITION MAY BE USED

Page 1 of 1 Pages
Designed using Perform Pro, WHS/D/or, Aug 96

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE